



# Wyoming Crop Weather



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## Week of July 11 – 17, 2011

**AGRICULTURAL SUMMARY:** Most of Wyoming saw some moisture over the past week while temperatures continued to rise. Lincoln, Uinta, and Carbon counties reported problems with rain with cut hay on the ground. Uinta County reported that northern areas are beginning to show signs of drying out while high mountain snow still exists. Sweetwater County reported a short alfalfa crop due to the cold, wet spring and summer while many other counties have reported delays in hay progress. Meanwhile, Converse County reports that signs of pest infestation are beginning to take effect. Crop progress is catching up across the state from the cool spring as warmer temperatures have become persistent. High temperatures ranged from the mid 70s to the upper 90s. Low temperatures ranged from the high 30s to 60 degrees.

### SOIL MOISTURE SUPPLIES

	This Week	Last Week	Last Year	5-Yr Avg
<b>Topsoil</b>				
Very Short	1	1	2	13
Short	19	15	17	35
Adequate	59	77	68	49
Surplus	21	7	13	3
	This Week	As of 7/05	Last Year	5-Yr Avg
<b>Subsoil</b>				
Very Short	4	5	3	20
Short	15	14	14	30
Adequate	80	78	79	49
Surplus	1	3	4	1

**FIELD CROP REPORT:** Days suitable for field work were 6.3. Topsoil moisture, rated adequate or better, was down slightly compared to last week's estimate and remains well above the 5-year average. Persistent warmer summer temperatures have improved crop progress compared to the previous week. The majority of crops still lag behind the 5-year average for this time of year. Crop condition improved from the previous week as the percent rated good to excellent for several crops has increased. Stock water supplies rate 90 percent adequate and 10 percent short.

### CROP CONDITION

Item	Very Poor	Poor	Fair	Good	Excel
Barley	0	2	21	73	4
Oats	0	0	24	73	3
Spring Wheat	0	0	28	57	15
Winter Wheat	0	2	26	67	5
Corn	0	0	22	77	1
Sugarbeets	0	2	36	60	2
Dry Beans	0	0	46	51	3
Alfalfa Hay	0	2	15	77	6
Other Hay	0	3	21	72	4

### CROP PROGRESS TABLE

Item	This Week	Last Week	Last Year	5-Yr Avg
Barley Jointed	97	92	97	98
Barley Boot	88	77	86	92
Barley Headed	72	60	67	76
Barley Turning Color	33	16	30	42
Oats Jointed	92	79	95	95
Oats Boot	79	56	84	87
Oats Headed	49	28	54	65
Oats Turning Color	13	0	14	29
Winter Wheat Headed	99	96	100	99
Winter Wheat Turn Clr	89	68	74	88
Winter Wheat Mature	4	1	34	56
Spring Wheat Jointed	95	81	100	94
Spring Wheat Boot	88	48	97	90
Spring Wheat Headed	29	7	38	61
Spring Wheat Turn Clr	6	0	3	24
Dry Beans Bloomed	25	16	28	37
Dry Beans Set Pods	10	0	12	12
Corn Tasseled	3	1	15	15
Corn Avg Height	40	28	40	N/A
Alfalfa 1st Cutting	75	55	87	87
Alfalfa 2nd Cutting	2	0	5	8
Other Hay Harvested	41	22	48	43

**LIVESTOCK, PASTURE AND RANGE REPORT:** Range and pasture conditions remain above the 5-year average with the percent rated good or better up slightly from last week.

### RANGE AND PASTURE CONDITION

	This Week	Last Week	Last Year	5-Yr Avg
Very Poor	0	0	0	7
Poor	4	3	1	11
Fair	13	16	11	25
Good	68	64	70	47
Excellent	15	17	18	10

### STOCK WATER SUPPLIES

	This Week	As of 7/05	Last Year	5-Yr Avg
Very Short	0	0	1	7
Short	10	6	4	19
Adequate	90	85	90	71
Surplus	0	9	5	3

**WEATHER SUMMARY:** Weekly air temperatures averaged above normal at 30 reporting stations, with three stations averaging 5 or more degrees above normal. Temperature averages ranged from 2 degrees below normal at Rawlins, to 8 degrees above normal at Buford. The high temperature for the state was 99 degrees at Worland, while a state low of 36 degrees was recorded at Lake Yellowstone and Big Piney. Cheyenne received the most precipitation for the week with 3.10 inches, 2.54 inches above normal for the reference week and raising the cumulative precipitation since January 1, 2011 to 3.25 inches above normal. Big Horn has the most cumulative precipitation above normal since January 1 while Laramie is now the furthest behind at 0.95 inches below normal. Fifteen stations recorded below normal precipitation for the week while 18 stations recorded above normal precipitation. Six stations are currently below normal for cumulative precipitation since January 1, 2011. On the positive side, 13 stations are currently 3.0 or more inches above normal for cumulative precipitation.

**Weather Data for the Week Ending July 17, 2011 <sup>1/</sup>**

	Weekly Air Temperature				Weekly Precipitation			Since Jan 1 Precipitation	
	Hi	Lo	Avg	DFN	Total Inches	Normal Inches	DFN	Total Inches	DFN
<b>District 1</b>									
Cody	91	52	72	3	0.20	0.28	-0.08	10.73	4.11
Dubois	81	39	61	0	0.29	0.26	0.03	10.49	4.89
Greybull	98	57	76	5	0.20	0.14	0.06	6.82	2.04
Jeffrey City	90	44	68	3	0.46	0.25	0.21	6.70	-0.23
Lake Yellowstone	75	36	54	0	0.30	0.36	-0.06	18.47	6.76
Lander	93	52	73	2	0.00	0.21	-0.21	10.95	2.54
Powell	92	49	70	2	0.27	0.22	0.05	6.00	1.53
Riverton	93	53	73	5	0.00	0.21	-0.21	7.27	2.35
Worland	99	54	76	3	0.03	0.14	-0.11	7.79	2.87
<b>District 2</b>									
Big Horn	95	42	70	2	0.26	0.26	0.00	17.66	8.41
Buffalo-Johnson	95	53	73	3	0.11	0.35	-0.24	11.38	2.72
Gillette	95	53	72	2	0.31	0.29	0.02	13.79	3.38
Midwest	96	50	73	3	0.16	0.33	-0.17	10.93	1.79
Newcastle	97	53	74	2	0.02	0.49	-0.47	14.16	4.60
Sheridan	96	52	73	4	0.46	0.28	0.18	12.46	3.16
Sundance	96	50	73	4	0.43	0.49	-0.06	15.51	3.76
<b>District 3</b>									
Big Piney	85	36	61	1	0.19	0.21	-0.02	3.51	-0.56
Evanston	82	51	65	3	0.05	0.21	-0.16	5.86	-0.40
Jackson Hole	81	45	64	4	0.60	0.35	0.25	11.80	-0.52
Thayne	86	44	65	4	0.34	0.35	-0.01	11.90	1.60
<b>District 4</b>									
Casper	96	49	72	3	0.44	0.31	0.13	8.98	0.78
Laramie	87	48	66	4	0.30	0.36	-0.06	5.60	-0.95
Rawlins	90	43	67	-2	0.04	0.21	-0.17	4.98	-0.72
Rock Springs	86	52	68	2	0.26	0.21	0.05	5.58	0.10
Shirley Basin	86	41	63	4	0.93	0.35	0.58	10.74	4.66
<b>District 5</b>									
Buford	85	51	66	8	0.68	0.49	0.19	11.18	2.41
Cheyenne	86	54	70	4	3.10	0.56	2.54	12.62	3.25
Chugwater	93	42	69	2	1.06	0.46	0.60	12.46	2.65
Douglas	98	50	74	4	0.18	0.38	-0.20	8.94	0.92
Lance Creek	96	56	75	3	1.22	0.38	0.84	10.88	2.40
Old Fort Laramie	95	50	72	2	0.65	0.42	0.23	12.44	3.80
Torrington	96	60	76	4	1.09	0.42	0.67	13.52	4.77
Wheatland	93	55	73	2	0.86	0.42	0.44	13.41	5.32

1/ Summary based on NWS data. DFN=Departure from Normal. Precipitation (rain or melted snow/ice) in inches. Air Temperatures in Degrees Fahrenheit. Weather data prepared by AWIS, Inc. For more weather information visit [www.awis.com](http://www.awis.com) or call 1-888-798-9955